

**I. AMENDMENTS TO THE CLAIMS:**

Kindly amend claims 12-14 and 16 as follows.

The following claims will replace all prior versions of claims in the above-captioned application.

**Listing of Claims:**

Claims 1 to 11 have been cancelled.

12. (Currently Amended) A device for fixing a ~~pallet-stone~~pallet on an escapement anchor comprising:

at least one seat provided to receive the ~~pallet-stone~~pallet, said seat having a longitudinal axis, wherein a portion of the anchor comprising the seat comprises a shape memory alloy adapted to undergo a reversible transformation from an austenitic crystallographic phase into a martensitic crystallographic phase, wherein the seat is bounded by jaws configured to re-close in a direction of the seat, wherein a first jaw is fixed and a second jaw is movable between a first unclamped position in which the ~~pallet-stone~~pallet can be introduced into the seat and be shifted therein along said longitudinal axis, and a second clamped position in which the jaws clamp the ~~pallet-stone~~pallet fixedly and immobilize the ~~pallet-stone~~pallet in the seat and wherein the first jaw has two flat clamping surfaces in alignment and separated by a recess, and wherein the second jaw has a clamping surface disposed essentially parallel to facing the two clamping surfaces of the first jaw in the clamped position.

13. (Currently Amended) The fixing device according to claim 12, wherein the portion of the anchor comprising said seat does not clamp the ~~pallet-stone~~pallet substantially

when the portion of the anchor is in the martensitic crystallographic phase so that the pallet-stonepallet may be shifted in said seat and wherein the portion of the anchor comprising said seat clamps the pallet-stonepallet fixedly when the portion of the anchor is in the austenitic crystallographic phase while the portion of the anchor is at ambient temperature.

14. (Currently Amended) The fixing device according to claim 12, wherein the portion of the anchor comprising said seat does not clamp the pallet-stonepallet substantially when the portion of the anchor is in the austenitic crystallographic phase so that the pallet-stonepallet can be shifted in said seat and wherein the portion of the anchor comprising said seat clamps the pallet-stonepallet fixedly when the portion of the anchor is in the martensitic crystallographic phase while the portion of the anchor is at ambient temperature.

15. (Previously Presented) The fixing device according to claim 12, wherein said shape memory alloy is a nickel and titanium alloy.

16. (Currently Amended) The fixing device according to claim 12, further comprising a spot of adhesive extending on to the pallet-stonepallet and the anchor in order to stabilize fixation of the pallet-stonepallet on the anchor.